

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/087656 A1(51) International Patent Classification⁷:
F21V 8/00, 13/04

F21S 8/00,

(74) Agent: PET, Robert, J.; Internationaal Octrooibureau
B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(21) International Application Number: PCT/IB03/01511

(22) International Filing Date: 14 April 2003 (14.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02290990.7 18 April 2002 (18.04.2002) EP(71) Applicant (for all designated States except US): KONIN-
KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

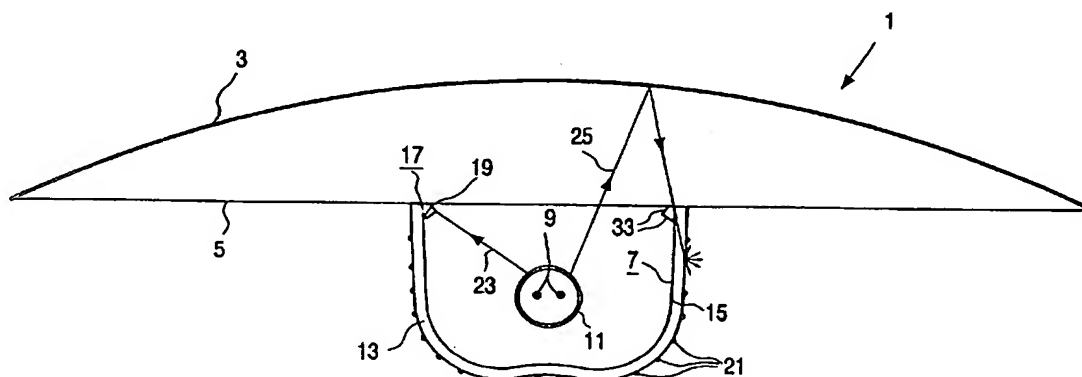
(75) Inventors/Applicants (for US only): HOLTEN, Petrus,
A., J. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). KOSTERS, Paulus, G., H. [NL/NL]; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL). LAC, Corinne
[FR/FR]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: LUMINAIRE



(57) Abstract: A luminaire (1) is disclosed, comprising a main reflector (3) with a light emission window (5), and comprising a counter reflector (7) positioned opposite to the main reflector. Means (9) for accommodating at least one electric lamp (11) are provided in the luminaire in between the main reflector and the counter reflector. The counter reflector is provided with a light-transmitting cover (13), acting as an optical waveguide and positioned at a side (15) of the counter reflector facing away from the means (9). The cover is provided with diffusor bodies (21) which scatter the light coupled into the cover and transmitted through the bulk of the cover. Thus a desired distribution and appearance of the optical brightness of the cover is obtained.